

Specification: Please amend the specification as follows:

Page 5, lines 8-31; Page 6, lines 1-16 (Twice Amended):

Figure 3 shows an exploded view of the shaft assembly 2 of Figure 2. The reference numbers of Figure 3 are used only for that figure and in Figure 4, although the referenced component names refer to substantially identical components among all the figures. A series of connected shafts comprise shaft components 4' 1a supported at one end on the bearing 6 6a. The feed screw 2 2a engages at the visible end of its hollow shaft the noticeable spline of the shaft components 4' 1a such that appropriate rotation of the shaft causes the feed screw also to rotate. One preferred form of the invention comprises the tooth bases 3 3a being connected to either of a left edge tooth 4 4a or a right edge tooth 5 5a by slots and keys and tooth base screws 8 8a to teeth 4 4a or 5 5a, whereafter the bases 3 3a are connected by slots and keys and tooth base to shaft screws 7 to the shaft, thereby forming removable base 3 3a and teeth 4 4a or 5 5a assemblies. This removable assembly concept for thermokinetic mixers is unknown in the prior art. The breadth of the concept of this aspect of the invention includes providing equivalent removable shaft extensions for all thermokinetic mixers. The disclosure herein enables the skilled person to adapt the removable extension concept to such prior art devices as disclosed above. The concept of the abutting slot and key attachments with securing screws has heretofore been unknown. More specifically, the base 3 may be attached by welding wherein only a portion of the shaft extension is removably attached as described herein. Or in the alternate, the teeth 4 4a or 5 5a or equivalent end portion of a shaft extension are a single piece with a base 3 3a or its equivalent in the prior art, the entire shaft extension thereafter being removable as disclosed herein for base 3 3a from the shaft comprising slots therefore. First row slots teeth sets 101', second row slots teeth sets 102', third row slots teeth sets 103', and fourth row slots teeth sets 104' correspond respectively with the first row slots 101, second row slots 102, third row slots 103, and fourth row slots 104 as shown and described in and for Figure 4. The pattern of teeth 4 4a and 5 5a in Figure 3 are a preferred embodiment of the invention. In one embodiment, a row

slots teeth set comprises all teeth 4 4a and 5 5a. In another embodiment, all row slots teeth sets comprise all teeth 4 or 5 or each rotationally successive row slots teeth set comprises all teeth 4 4a followed by one of all teeth 5 5a. In the embodiment of Figure 3, each row slots teeth set comprises two teeth 4 4a or 5 5a whereby the rotationally adjacent row slots teeth sets to each such set comprises two teeth 4 4a or 5 5a respectively. A most specific embodiment of Figure 3 shows first row slots teeth sets 101' with left to right teeth 5 5a / 4 4a / 4 4a, second row slots teeth sets 102' with left to right teeth 5 5a / 4 4a / 5 5a, third row slots teeth sets 103' with left to right teeth 4 4a / 5 5a / 4 4a, and fourth row slots teeth sets 104' with left to right teeth 5 5a / 4 4a / 4 4a. As shown in Figure 4, this pattern produces a set to set staggering of the teeth faces as they rotate into a plane passing through the shaft 100 axis. This sets pattern of teeth faces

With reference to rest of the Figures 4-17, shaft components 4' 1a are further shown to comprise an attachment shaft section 100 whereupon are located some of the attachment means for attaching bases 3 3a to the shaft components 4 1a. In this side view, first row slots 101, second row slots 102 and third row slots 103 are visible, a fourth row slots 104 existing on the opposite side of the section 100 and further disclosed in Figure 6.
